

Title (en)

METHOD FOR PRODUCING CARBONYL COMPOUND, CATALYST, AND METHOD FOR PRODUCING CATALYST

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER CARBONYLVERBINDUNG, KATALYSATOR UND VERFAHREN ZUR HERSTELLUNG DES KATALYSATORS

Title (fr)

PROCÉDÉ DE PRODUCTION D'UN COMPOSÉ CARBONYLE, CATALYSEUR, ET PROCÉDÉ DE PRODUCTION DU CATALYSEUR

Publication

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Application

EP 10750732 A 20100303

Priority

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Abstract (en)

[origin: EP2407446A1] The method for producing a carbonyl compound according to the invention comprises a step of obtaining a carbonyl compound by oxidation of a secondary alcohol in the presence of a catalyst, wherein the catalyst comprises a carrier obtained by the use of a styrene-based polymer with side chains containing crosslinkable functional groups, wherein the crosslinkable functional groups in the carrier are crosslinked, gold-platinum nanosize clusters supported on the carrier and carbon black supported on the carrier. The production method allows production of a carbonyl compound by oxidation of a secondary alcohol, with high selectivity and a high conversion rate.

IPC 8 full level

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- No further relevant documents disclosed
- See references of WO 2010103978A1

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